

Preparation Date: 01-May-2017
Revision Number: 2.3
Revision Date: 21-Feb-2025
Date of Next Revision: 20-Feb-2030

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name DELAVAL GREASE SILIKON GLK 112
Item#: OP3001
Recommended use Lubricant
Uses advised against Restricted to professional users

Supplier DeLaval Ltd,
82 Greenwood street,
Hamilton
New Zealand

Telephone Number (07) 849-6020
(8am - 4:30pm Mon-Fri)

Emergency Telephone Number 0800 764 766 (National Poison Centre)
0800 243 622 CHEMCALL

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture according to GHS

Not Hazardous.

2.2. Label Elements

Not Hazardous.

Hazard Statements EUH210 - Safety data sheet available on request

Precautionary statements P102 - Keep out of reach of children

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Chemical nature of the preparation

Chemical name	CAS No	Weight-%
Dilithium azelate	38900-29-7	1 - 10%

4. FIRST AID MEASURES

Workplace Facilities Eyewash bottle with clean water

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes If eye irritation persists, consult a specialist
Skin contact	Remove contaminated clothing and shoes Get medical attention if irritation develops and persists Wash off with soap and plenty of water
Inhalation	Move to fresh air Get medical attention if symptoms occur Remove person to rest. If breathing is difficult, give oxygen If not breathing, give artificial respiration
Ingestion	Move person to fresh air. Do not induce vomiting without medical advice.

5. FIRE-FIGHTING MEASURES

Hazchem Code	No Hazchem Code allocated
Flammable Properties	No information available.
Suitable Extinguishing Media	Water spray. alcohol-resistant foam. Dry chemical. Carbon dioxide (CO2).
Unsuitable Extinguishing Media	high volume water jet.
Specific hazards arising from the chemical	Carbon monoxide. Carbon dioxide (CO2). Metal oxide/oxides.
Protective Equipment and Precautions for Firefighters	Standard procedure for chemical fires. Use personal protective equipment. In the event of fire, wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Evacuate personnel to safe areas. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing mist or vapor. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Environmental Precautions	Avoid dispersal of spilt material into waterways, drains, and sewers. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling	Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and immediately after handling the product.
Storage	Store in original container. Keep container tightly closed. Keep in a dry, cool and well-ventilated place. Store in accordance with local regulations. Store in upright position only. Keep away from food, drink, and animal feedstuffs. Keep in properly

labelled containers.

Type of Container/Package Store in original container

Handle and store according to AS/NZS Standards and the Responsible Care Management Systems: Managers Handbook.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face Protection Safety glasses with side-shields.

Skin Protection Wear protective gloves/clothing

Hand Protection Protective gloves nitrile rubber Break through time > 10 min, Class 1, (EN 374) Reg (EU) 2016/425

Respiratory Protection In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Filter type P.

General Hygiene Considerations

Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White
Physical state	Paste
Odor	Characteristic
pH	No data available
Vapor Pressure	< 0.001 hPa (20°C)
Vapor Density	No data available
Flash Point	Not applicable
Autoignition Temperature	No data available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Boiling Point/Range	No data available
Freezing Point/Range	No data available
Explosive Properties	Not an explosive
Water Solubility	Insoluble in water
Solubility	No information available
Solubility in other solvents	No data available
Specific Gravity	No data available
Kinematic viscosity	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	No materials to be especially mentioned
Hazardous decomposition products	None under normal use. > 150 ° C. The possibility of a small amount of formaldehyde.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
Inhalation	No information available.
Eye contact	No information available.
Skin contact	No information available.
Ingestion	No information available.
LD50 Oral:	> 2000 mg/kg; Calculation method

Component Information

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Dilithium azelate	300 mg/kg (Rat)	2000 mg/kg (Rabbit)	

Irritation	No information available
Corrosivity	No information available.
Sensitization	No information available.
Mutagenic effects	No information available.
Carcinogenicity	There are no known carcinogenic chemicals in this product.
Reproductive Effects	No information available.
Developmental Effects	No information available.
STOT - single exposure	No information available
STOT - repeated exposure	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Dilithium azelate		LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l/Exposure time: 96 h		EC50 (Daphnia magna (Water flea)): > 100 mg/l/Exposure time: 48 h

Persistence and degradability	No information available
Bioaccumulation/Accumulation	No information available.
Mobility	No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with local regulations.
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

Hazchem Code	No Hazchem Code allocated
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15. REGULATORY INFORMATION

ERMA Reference	ERMA User Guide to the HSNO Controls, which links to the Hazardous Substances Regulations 2001
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16. OTHER INFORMATION

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References	<ul style="list-style-type: none">- Hazardous Substances (Hazardous Classification) Notice 2020- Hazardous substances (Labelling) Notice 2017- Hazardous Substances (Safety Data Sheets) Notice 2017- GHS8- European Agreement concerning the International Carriage of Dangerous Goods by Road- New Zealand Workplace Exposure Standards (WES)- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans- Chemical Classification and Information Database (CCID)

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End of SDS